

Yorkshire Dales National Park

Forecast valid from 00:00 on Tuesday 27 Jul 2021 until 23:59 on Wednesday 28 Jul 2021

Forecast Issued on Monday 26 Jul 2021 at 17:45

Confidence: High for showery and changeable theme. Low for location of individual thunderstorms this week.

Headline for Tuesday 27 Jul 2021: Turning showery with thunderstorms.

Mountain weather hazards on Tuesday 27 Jul 2021

Blizzards

No Likelihood

Gales

No Likelihood

Thunderstorms

High Likelihood

Heavy Snow

No Likelihood

Severe chill effect

No Likelihood

Heavy persistent rain

No Likelihood

Storm force winds

No Likelihood

Poor visibility

No Likelihood

Strong sunlight

Medium Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
							
Cloudy	Cloudy	Cloudy	Heavy rain showers	Thunderstorm	Thunderstorm	Light rain showers	Light rain showers
Precipitation probability							
10%	10%	10%	40%	60%	60%	40%	30%

Forecast for Tuesday 27 Jul 2021

Weather: A dry and partly cloudy start. Turning showery by late morning with a high risk of thunderstorms into the afternoon. Showers should begin to ease into the early evening, perhaps with a few lingering light showers toward dusk.

Chance of cloud free mountain/hill tops above 600m: 100%, perhaps some transient low fractus cloud during the heaviest showers.

Visibility: Good or very good with clear view of distant hills. Becoming poor or moderate near or during showers.

Forecast for Tuesday 27 Jul 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	5/7 SW	5/7 SW	5/8 W	5/8 W	6/9 SW	6/9 SW	7/10 W	4/7 W	6/10 SW
300	2/5 SW	2/6 W	1/5 S	4/7 W	5/8 SW	6/10 W	4/8 SW	3/6 W	4/8 W
Valley	1/4 N	2/3 NE	1/3 SW	4/6 SW	5/8 SW	6/12 W	6/10 SW	2/5 SW	3/8 W

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	14/13	12/12	13/13	15/14	17/16	17/16	15/14	14/13	12/12
300	11/10	12/11	13/13	18/18	20/20	19/18	17/17	15/15	14/14
Valley	13/13	13/14	15/15	18/18	21/21	20/20	18/18	16/17	15/16
Freezing Level*	2500m	2400m	2400m	2500m	2600m	2700m	2700m	2700m	2700m

*Level above which ground is expected to be frozen/snow is expected to settle.

Meteorologist's View

The risk of heavy showers will require waterproofs, with a willingness to change plans if showers turn heavy and thundery. Sun protection still recommend, with some strong sunlight possible outside of showers.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Mon 26 Jul 2021	0mm	0mm	0mm

Forecast for Wednesday 28 Jul 2021

Weather: A band of heavy rain will clear during the morning leading to further heavy possibly thundery showers developing for the remainder of the day. Becoming windy.

Maximum wind: Westerly 15-20 mph gusting 25-30 mph

Chance of cloud free mountain/hill tops above 600m: 20% becoming 80% mid-late morning.

Visibility: Poor initially in heavy rain and low cloud. Becoming very good with brief spells of moderate or poor around showers.

Temperature: **Valleys:** Plus 12 Celsius becoming Plus 15 Celsius

At 600m: Plus 9 Celsius becoming Plus 12 Celsius

Freezing level: Above summits.